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United States Department of Agriculture

BUREAU OF ANIMAL INDUSTRY

SERVICE AND REGULATORY ANNOUNCEMENTS

MARCH, 1928

This publication is issued monthly for the dissemination of information, instructions, ruling, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 25 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.

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CHANGES IN DIRECTORY

Meat Inspection Granted

- *95. The Val Decker Co., P. O. box 717, East Ash Street, and River, Piqua, Ohio.
- 419-P. The Great Atlantic & Pacific Tea Co., Hubbard Road and Albert Street, Youngstown, Ohio.
- 763. Barnet Brodie (Inc.), 127 Walton Street, New York, N. Y.

Meat Inspection Extended

- 354. M. Reinfeld & Sons (Inc.), Newark, N. J., to include the Metropolitan Provision Co.
- *540. C. Lehmann Packing Co. (Inc.), 319-333 Johnson Avenue, Brooklyn, N. Y., to include the United Veal & Mutton Co.

Change in Name of Official Establishment

- 466. Otto Stahl (Inc.) and F. A. Ferris & Co., 172 East One hundred and twenty-seventh Street, New York, N. Y., instead of Otto Stahl.
- 489. Hygrade Food Products Corp., 2692-2696 Third Avenue, New York, N. Y., and Bronx Provision Corporation of New York, Carmel Kosher Provision Co. (Inc.), Hygrade Provision Co. (Inc.), Palestine Brand Kosher Wurst Factory (Inc.), instead of previous name and subsidiary.
- 576. Neuman & Co., 67 Spring Street, Williamstown, Mass., instead of Ruether & Co.
- 653. Strohmeier Provision Co. (Inc.), 119 Washington Street, Hoboken, N. J., instead of M. Strohmeier Bros.
- 735. S. W. Gall's Son, Cincinnati, Ohio, instead of S. W. Gall.

*Conducts slaughtering.

Change in Number of Official Establishment

973-C. Hygrade Food Products Corp., Philadelphia, Pa., instead of No. 852.

Change in Address of Inspector in Charge

Dr. E. G. Pigman, P. O. box 128, Sandpoint, Idaho, instead of P. O. box 446.
Dr. E. B. Simonds, 824 Fidelity Building, Baltimore, Md., instead of 812 Fidelity Building.

Dr. H. M. Smith, 409 Federal Building, Providence, R. I., instead of 407-409 Federal Building.

Change of Inspector in Charge

Dr. C. E. Mootz succeeds Doctor Miller (deceased) as inspector in charge at Duluth, Minn.

New Station

Piqua, Ohio, meat inspection; Dr. A. N. Smith, in charge, care The Val Decker Packing Co.

NOTICES REGARDING MEAT INSPECTION**ANIMAL CASINGS OF FOREIGN ORIGIN**

Certificates required by B. A. I Order 305 and instructions issued thereunder, which bear the official title of the high official of the foreign country as specified below, will be acceptable with animal casings offered for importation into the United States.

The certificates must also bear the signature of the high official of the national government having jurisdiction over the health of animals in the foreign country in which the casings originated, but owing to the fact that the high officials are changed from time to time it is impracticable to publish their names.

Official title	Foreign country
Minister of Agriculture.....	France

Additional official titles will be published when received from other foreign countries.

EXPORT MEAT-INSPECTION CERTIFICATES REQUIRED FOR JAPAN

The department is officially informed that the Government of Japan requires certification for meat and meat food products offered for importation into that country. Accordingly, exporters will request and inspectors in charge of meat inspection will issue certificates as provided by regulation to cover these articles destined to Japan.

DEATH FROM HYDROCYANIC-ACID GAS

The recent death of an expert fumigator and two helpers emphasizes the importance of extraordinary precautions in the use of hydrocyanic-acid gas. These lives were lost while fumigating a building with the gas. Exact details are not obtainable, as all persons in the building lost their lives. It appears, however, that the arrangements for fumigation were faulty and that after releasing the charges on the lowest level the men were obliged to traverse two floors above in order to release the charges there. Under such circumstances a slight delay may easily be fatal. Fumigation with hydrocyanic-acid gas is an effective method for the control of vermin in meat-packing establishments but the extremely dangerous character of the gas must always be kept in mind even by those familiar with safe procedures.

ANIMALS SLAUGHTERED IN FEBRUARY, 1928, UNDER FEDERAL MEAT INSPECTION IN THE DISTRICTS REPRESENTED BY THE CITIES IN THE FOLLOWING TABLE:

Station	Cattle	Calves	Sheep	Goats	Swine
Baltimore.....	6,168	1,066	336	-----	93,005
Buffalo.....	6,092	2,885	5,480	-----	92,273
Chicago.....	129,918	56,821	208,761	2	864,128
Cincinnati.....	9,243	6,002	2,162	6	97,466
Cleveland.....	7,325	5,014	8,679	-----	96,812
Denver.....	8,560	1,895	16,932	-----	75,178
Detroit.....	5,764	5,619	15,602	-----	130,157
Fort Worth.....	27,167	17,102	9,664	86	47,438
Indianapolis.....	14,802	5,356	2,755	-----	171,631
Kansas City.....	71,372	19,223	104,516	77	419,682
Milwaukee.....	13,495	43,315	2,366	-----	105,784
National Stock Yards.....	24,893	4,532	18,429	3	194,293
New York.....	31,743	54,587	179,240	1	144,741
Omaha.....	69,468	8,144	154,198	7	301,687
Philadelphia.....	6,211	7,615	14,001	-----	93,311
St. Louis.....	9,976	5,155	3,267	11	199,970
Sioux City.....	32,057	3,710	52,207	-----	253,172
South St. Joseph.....	25,639	7,185	112,332	2	154,902
South St. Paul.....	42,052	53,835	23,033	-----	281,385
Wichita.....	6,746	2,842	8,034	14	85,396
All other establishments.....	117,388	61,886	106,425	181	1,877,410
Total: February, 1928.....	666,079	373,789	1,048,419	390	5,779,821
February, 1927.....	700,423	376,668	1,005,635	366	3,394,560
8 months ended February, 1928.....	6,323,185	3,057,285	8,925,360	14,769	31,798,908
8 months ended February, 1927.....	6,962,251	3,277,737	8,857,924	22,267	27,465,265

Horses slaughtered at all establishments, February, 1928, 8,696. Inspections of lard at all establishments, 216,633,113 inspection pounds; compound and other substitutes, 33,576,176 inspection pounds; sausage chopped, 56,608,577 inspection pounds. Corresponding inspections for February, 1927: Lard, 133,238,290 inspection pounds; compound and other substitutes, 51,021,108 inspection pounds; sausage chopped, 53,774,113 inspection pounds. (These totals of inspection pounds do not represent actual production, as the same product may have been inspected and recorded more than once in the process of manufacture.)

EXTENT OF TUBERCULOSIS IN ANIMALS SLAUGHTERED AT THREE IMPORTANT MARKETS, FEBRUARY, 1928

Station	Total slaughter	Retained for tuberculosis		
		Total	Passed for sterilization	Condemned
Cattle:				
Chicago.....	129,918	7,327	192	1,052
Kansas City.....	71,372	279	14	45
Omaha.....	69,468	1,346	44	115
Swine:				
Chicago.....	864,128	104,260	1,243	1,175
Kansas City.....	419,682	22,370	325	230
Omaha.....	301,687	31,242	301	231

CAUSES OF CONDEMNATION OF CARCASSES, JANUARY, 1928

Cause	Cattle	Calves	Sheep	Swine
Emaciation.....	471	171	178	107
Hog cholera.....	-----	-----	-----	1,758
Inflammatory diseases.....	884	186	544	4,391
Immaturity.....	-----	451	-----	-----
Tuberculosis.....	2,967	54	-----	5,075
All other causes.....	1,066	200	362	4,417
Total.....	5,388	1,062	1,084	15,748

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during February, 1928, with figures for other periods for comparison:

Imports of food animals

Country of export	Cattle	Swine	Sheep	Goats
Mexico.....	12,404		2,463	
Canada.....	10,492	4,222	309	3
Channel Islands.....	142			
Australia.....			2	
Scotland.....			58	
Virgin Islands (to Porto Rico).....	34	18		1
Total: February, 1928.....	23,072	4,240	2,832	4
February, 1927.....	20,621	25,004	1,910	18
8 months ended February, 1928.....	345,009	75,815	25,765	157
8 months ended February, 1927.....	240,931	152,458	41,015	66

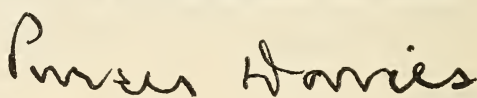
Imports of meats and meat food products

Country of export	Fresh and refrigerated		Cured and canned	Other products	Total weight
	Beef	Other			
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Argentina.....			1,509,253	255,350	1,764,603
Australia.....		15,449		4,263	19,712
Brazil.....			125,988		125,988
Canada.....	1,117,703	411,366	1,284,074	442,419	3,255,562
Uruguay.....			336,656	35,056	371,712
Other countries.....	675,723		119,403	82,251	877,377
Total: February, 1928.....	1,793,426	426,815	3,375,374	819,339	6,414,954
February, 1927.....	1,034,680	2,261,482	2,790,672	193,724	6,280,558
8 months ended February, 1928.....	31,098,377	10,965,328	35,926,612	8,352,383	86,342,700
8 months ended February, 1927.....	10,923,178	13,374,754	21,921,095	2,694,540	48,913,567

Condemned in February, 1928: Beef, 72 pounds; pork, 65 pounds; total, 137 pounds.
Refused entry: Pork, 434 pounds.

FOREIGN MEAT-INSPECTION OFFICIALS

The following is an additional name and facsimile signature of a foreign national government official authorized to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States:

Country and name	Signature
ENGLAND Purser Davies.....	
NAME REMOVED FROM LIST	
ENGLAND Robert Weaver.....	

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, FEBRUARY, 1928

State	Tuberculin tests during month			Total to date			Inspector in charge	State official
	Herds or lots	Cattle tested	Cattle re-acted	Once-tested free herds	Accredited herds	Herds under supervision		
Ala.....	133	5,381	15	4,820	238	7,217	R. E. Jackson.....	C. A. Cary, Auburn.
Ariz.....	608	3,905	22	3,052	41	8,117	F. L. Schneider....	S. E. Douglas, Phoenix.
Ark.....	777	3,751	14	2,886	17	6,026	H. L. Fry.....	J. H. Bux, Little Rock.
Calif.....	379	16,966	219	5,086	124	5,212	R. Snyder.....	J. P. Iverson, Sacramento.
Colo.....	249	2,054	40	3,057	159	3,597	W. E. Howe.....	C. G. Lamb, Denver.
Conn.....	406	4,963	344	3,974	1,444	6,961	R. L. Smith.....	J. M. Whittlesey, Hartford.
Del.....	148	1,628	88	2,866	1,682	5,328	W. G. Middleton....	O. A. Newton, Bridgeville.
D. C.....				90	8	99	A. E. Wight.....	
Fla.....	204	1,903	3	7,323	426	8,188	J. G. Fish.....	J. V. Knapp, Tallahassee.
Ga.....	642	3,342	13	7,064	41	7,115	A. L. Hinkleman....	J. M. Sutton, Atlanta.
Idaho.....	209	8,774	21	29,072	59	32,415	W. A. Sullivan....	A. J. Dickman, Boise.
Ill.....	5,752	68,245	1,435	120,211	1,342	134,776	J. J. Lintner.....	C. G. Laird, Springfield.
Ind.....	3,877	30,429	245	93,308	34,951	134,689	J. E. Gibson.....	Frank H. Brown, Indianapolis.
Iowa.....	6,310	94,335	2,484	92,208	7,913	153,773	J. A. Barger.....	M. G. Thornburg, Des Moines.
Kans.....	3,396	34,771	106	62,228	832	63,468	N. L. Townsend....	J. H. Mercer, Topeka.
Ky.....	902	5,515	27	68,295	62	68,947	W. F. Biles.....	D. E. Westmoreland, Frankfort.
La.....	289	4,361	56	6,511	19	6,838	G. T. Cole.....	D. P. Flower, Baton Rouge.
Me.....	1,326	8,311	305	30,689	3,954	34,866	G. R. Caldwell....	H. M. Tucker, Augusta.
Md.....	854	8,946	321	9,293	5,377	22,015	E. B. Simonds.....	James B. George, Baltimore.
Mass.....	269	4,548	309	1,660	720	2,897	E. A. Crossman....	F. B. C. Cummings, Boston.
Mich.....	4,337	41,630	852	141,968	78	150,991	T. S. Rich.....	J. L. Killham, Lansing.
Minn.....	2,221	51,114	1,097	50,381	8,194	61,763	W. J. Fretz.....	C. E. Cotton, St. Paul.
Miss.....	173	1,355	20	6,123	32	6,155	H. Robbins.....	R. V. Rafnel, Jackson.
Mo.....	453	5,177	18	61,751	969	65,221	Ralph Graham.....	H. A. Wilson, Jefferson City.
Mont.....	410	9,332	24	28,437	93	29,035	J. W. Murdoch.....	W. J. Butler, Helena.
Nebr.....	2,490	32,591	609	59,077	106	59,891	A. H. Francis.....	C. H. Hays, Lincoln.
Nev.....	51	1,002	42	1,029	11	1,277	L. C. Butterfield....	Edward Records, Reno.
N. H.....	392	5,258	149	2,180	2,949	5,508	E. A. Crossman....	A. L. Felker, Concord.
N. J.....	660	6,264	344	2,921	1,714	5,880	W. G. Middleton....	J. H. McNeil, Trenton.
N. Mex.....	223	2,460	32	765	17	801	F. L. Schneider....	Mat. Keenan, Albuquerque.
N. Y.....	4,009	47,002	2,306	39,822	50,337	104,520	H. B. Leonard.....	E. T. Faulder, Albany.
N. C.....	1,281	5,104	16	245,912	361	246,636	W. C. Dendinger....	Wm. Moore, Raleigh.
N. Dak.....	1,376	21,254	123	39,182	4,814	48,907	H. H. Cohenour....	W. F. Crewe, Bismarck.
Ohio.....	4,958	38,472	1,037	138,454	580	143,705	A. J. DeFosset....	F. A. Zimmer, Columbus.
Okla.....	21	523	5	99	274	391	L. J. Allen.....	C. C. Hisel, Oklahoma City.
Oreg.....	1,305	13,286	61	34,459	424	34,909	S. B. Foster.....	W. H. Lytle, Salem.
Pa.....	5,121	52,245	2,368	88,593	4,495	107,020	J. B. Reid.....	T. E. Munce, Harrisburg.
R. I.....	43	921	102	143	55	376	E. A. Crossman....	T. E. Robinson, Providence.
S. C.....	1,537	4,138	3	38,588	115	38,769	W. K. Lewis.....	W. K. Lewis, Columbia.
S. Dak.....	448	9,119	185	8,917	1,076	10,210	J. O. Wilson.....	M. W. Ray, Pierre.
Tenn.....	1,748	10,534	27	40,574	297	40,972	H. M. O'Rear.....	W. B. Lincoln, Nashville.
Tex.....	49	2,296	36	91	180	670	H. L. Darby.....	N. F. Williams, Fort Worth.
Utah.....	1,122	5,569	31	10,722	74	11,547	F. E. Murray.....	W. H. Hendricks, Salt Lake City.
Vt.....	696	15,522	308	3,114	5,196	11,635	L. H. Adams.....	Edward H. Jones, Montpelier.
Va.....	596	5,722	85	16,677	2,225	19,183	R. E. Brookbank....	H. C. Givens, Richmond.
Wash.....	1,809	16,318	1,478	36,706	56	39,308	J. C. Exline.....	Robert Prior, Olympia.
W. Va.....	1,160	6,534	68	30,750	1,126	32,496	H. M. Newton.....	John W. Smith, Charleston.
Wis.....	615	14,215	195	117,031	10,205	133,450	J. S. Healy.....	Walter A. Duffy, Madison.
Wyo.....	355	2,740	31	8,666	4	9,851	John T. Dallas.....	H. D. Port, Cheyenne.
Hawaii (Jan.).	73	1,946	49				L. E. Case.....	L. E. Case.
Total.....	66,462	741,776	17,768	1,811,825	155,466	2,133,624		

ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED UNDER LICENSES

	Total serum	Clear serum completed	Hyperim- mune blood cleared	Simul- taneous virus	Hyperim- munizing virus
	<i>C. c.</i>	<i>C. c.</i>	<i>C. c.</i>	<i>C. c.</i>	<i>C. c.</i>
February, 1928.....	52,732,486	35,679,015	43,797,889	1,869,779	14,344,423
February, 1927.....	87,650,368	39,663,242	48,111,226	2,064,329	21,459,019
8 months ended February, 1928.....	800,640,872	421,159,714	470,032,963	36,975,336	153,051,293
8 months ended February, 1927.....	760,590,861	301,181,468	302,086,571	40,693,331	161,870,620

LICENSES ISSUED FOR BIOLOGICAL PRODUCTS IN FEBRUARY, 1928

License No. 148 was issued February 18, 1928, to the W. F. Straub Laboratories (Inc.), 5520 Norwood Park Avenue, Chicago Ill., for bovine abortion mixed bacterin; roup bacterin.

License No. 165 was issued February 27, 1928, to the American Scientific Laboratories (Inc.), third floor Commercial Building, Main Street, Barrington, Ill., for tuberculin (avian).

License No. 178 was issued February 18, 1928, to the Fuller Biological Laboratory, 14 Franklin Street, Springville, N. Y., for chicken-pox vaccine; chicken-pox virus.

License No. 180 was issued February 9, 1928, to the Klusmire Biologic Laboratories, 2509 O Street, Omaha, Nebr., for pullorin.

License No. 191 was issued February 16, 1928, to Ashe Lockhart (Inc.), 804 Woodswether Road, Kansas City, Mo., for avian tuberculin; metritis mixed bacterin (bovine); normal horse serum.

PERMITS ISSUED FOR BIOLOGICAL PRODUCTS IN FEBRUARY, 1928

Permit No. 6 was issued February 20, 1928, to A. Charklian, 500 Fifth Avenue, New York City, for the importation of anthrax vaccine (vaccine virus, anthrax or charbon), manufactured by Laboratoire des Vaccins Pasteur pour l'Etranger, 5 Rue Saint Amand, Paris, France.

LICENSES TERMINATED IN FEBRUARY, 1928

License No. 178, issued March 16, 1926, to the Fuller Biological Laboratory, 240 Main Street, Springville, N. Y., was terminated February 18, 1928, and a new license of the same number was issued, as indicated above.

PERMITTED DISINFECTANT

In accordance with the provisions of B. A. I. Order 292, the bureau has granted permission for the use of "Deodol," manufactured by The Norwich Pharmacal Co., Norwich, N. Y., as a saponified cresol solution, in the general disinfection of cars, yards, and other premises.

DESIGNATED AS PUBLIC STOCKYARDS

Effective April 16, 1928, the stockyards of the Union Stock Yards Co., Ogden, Utah, and of the Salt Lake Stock Yards Co., Salt Lake City, Utah, are designated as public stockyards as defined in paragraph 9, section 1, regulation 1, of B. A. I. Order 292.

PROCEEDINGS UNDER PACKERS AND STOCKYARDS ACT

Docket No. 248. In re Laurence Wall, dealer, Union Stockyards, Chicago, Ill. Notice of inquiry was issued November 8, 1927, alleging failure to comply with bonding regulation. On March 14, 1928, a cease and desist order was issued, and respondent suspended from registration as a dealer until he executes and maintains a reasonable bond to secure his obligations on that market. The respondent on March 28 completed arrangements to have his operations cleared by a bonded clearing agency, which had the effect of terminating the order of suspension.

SUMMARY OF HOG-CHOLERA-CONTROL WORK, FEBRUARY, 1928

State	Bureau veterinarians engaged in work ¹	Premises investigated	Demonstrations		Autopsies performed	Farms quarantined or carded	Farms cleaned and disinfected	Outbreaks reported to bureau veterinarians
			Number	Hogs treated				
Alabama.....	1	79	48	1,023	12	-----	-----	16
Arkansas.....	0.75	28	6	126	-----	-----	-----	34
California.....	1	32	1	175	18	-----	-----	8
Colorado.....	² 1	11	-----	-----	4	-----	-----	3
Florida.....	2.5	83	111	3,568	5	-----	7	17
Georgia.....	1.33	87	31	513	5	-----	-----	20
Illinois.....	2	137	4	130	28	9	13	19
Indiana.....	² 2	38	-----	-----	38	2	-----	4
Iowa.....	² 2	68	-----	-----	1	-----	-----	16
Kentucky.....	3	335	10	141	15	-----	2	14
Louisiana.....	1	9	3	485	2	-----	-----	5
Maryland.....	2	120	2	69	15	11	-----	13
Michigan.....	1	31	-----	-----	8	-----	-----	11
Mississippi.....	1.03	72	23	338	4	-----	-----	10
Missouri.....	1	53	-----	-----	16	-----	-----	17
Nebraska.....	² 0.12	9	-----	-----	-----	-----	-----	-----
North Carolina.....	1	36	18	867	17	15	-----	9
Ohio.....	1	94	1	79	3	-----	-----	1
Oklahoma.....	2	133	-----	-----	8	23	-----	23
South Carolina.....	1	59	55	579	1	-----	-----	23
South Dakota.....	² 1	-----	-----	-----	-----	-----	-----	-----
Tennessee.....	1	6	-----	-----	6	-----	-----	45
Texas.....	2	41	-----	-----	4	2	-----	6
Virginia.....	1	37	-----	-----	10	-----	-----	15
Washington.....	1.5	76	-----	-----	2	1	-----	5
Wisconsin.....	1	45	-----	-----	3	-----	-----	-----
Total.....	35.23	1,719	313	8,063	225	63	22	336

¹ Fractions denote bureau veterinarians devoting part time to hog-cholera work.

² In Colorado, Nebraska, and South Dakota, practically entire time spent on work in cooperation with State extension service; in Indiana and Iowa, portion of time devoted to lecturing on hog-cholera control and sanitation in cooperation with State forces.

NOTE.—No work reported from Idaho, Kansas, Montana, Utah, and West Virginia.

BUREAU TELEGRAMS THROUGH ARMY-NAVY RADIO STATIONS

The following-named bureau offices have made arrangements with the Army Navy radio stations in their vicinities for the handling of official messages:

City and State	Name and address
Atlanta, Ga.....	Dr. A. L. Hirleman, 224 Federal Building.
Do.....	Dr. O. W. Seher, care of White Provision Co.
Do.....	S. M. Price, Union Stockyards, Building D.
Baltimore, Md.....	Dr. R. W. Culbert, 102 Customhouse Building.
Do.....	Dr. E. B. Simonds, 812 Fidelity Building.
Boston, Mass.....	Dr. A. F. Staub, 2001 Customhouse Building.
Do.....	Dr. E. A. Crossman, 2001 Customhouse Building.
Chattanooga, Tenn.....	Dr. F. H. Collins, 402 Post Office Building.
Cheyenne, Wyo. ¹	Dr. J. T. Dallas, 310 State House.
Chicago, Ill.....	Dr. Herman Busman, 999 Exchange Avenue, U. S. Yards.
Do.....	C. T. N. Marsh, 1749 West Pershing Road.
Do.....	Dr. J. J. Lintner, 999 Exchange Avenue, U. S. Yards.
Do.....	Dr. L. Enos Day, 1749 West Pershing Road.
Do.....	Dr. H. B. Raffensperger, 1749 West Pershing Road.
Do.....	V. E. Foster, 999 Exchange Avenue, U. S. Yards.
Cincinnati, Ohio.....	Dr. Frank Jelen, 3129 Spring Grove Avenue.
Do.....	M. L. Haskell, 9 Livestock Exchange Building.
Columbus, Ohio.....	Dr. O. W. Everly, 44 Federal Building.
Do.....	Dr. A. J. De Fosset, Annex State House.
Dayton, Ohio.....	Dr. C. H. Herrold, 314 Federal Building.
Denver, Colo.....	Dr. T. A. Shipley, 303 Livestock Exchange Building
Do.....	Dr. G. W. Stiles, 444 Post Office Building.
Do.....	Dr. W. E. Howe, 444 Post Office Building.
Do.....	Dr. E. H. Carter, 5030 York Street.
Do.....	James Christensen, 414 Livestock Exchange Building.
Do.....	L. W. Krake, 414 Livestock Exchange Building.

¹ Messages may also be transmitted through the air mail station.

City and State	Name and address
Des Moines, Iowa.....	Dr. C. W. Deming, care of Iowa Packing Co.
Do.....	Dr. J. A. Barger, 219 Federal Building.
Detroit, Mich.....	Dr. R. F. Vermilya, 5 West Larned Street.
East St. Louis, Ill.....	Dr. J. W. Joss, 327 Federal Building.
El Paso, Tex.....	Dr. T. A. Bray, 13 Livestock Exchange Building.
Indianapolis, Ind.....	Dr. G. W. Butler, 411 Federal Building.
Do.....	Dr. J. D. Stillwell, 401-D Federal Building.
Do.....	Dr. J. E. Gibson, 835 State Life Building.
Do.....	A. W. Joy, 233 Livestock Exchange Building.
London, England.....	Dr. R. W. Tuck, care American Consul.
Los Angeles, Calif.....	Dr. E. P. Schaffter, 504 Post Office Building.
Do.....	C. D. Ashmore, 209 Livestock Exchange Building.
Nat'l. Stock Yds., Ill.....	Dr. C. F. Payne, Livestock Exchange Building.
Do.....	T. B. Hamilton, Livestock Exchange Building.
Do.....	C. S. Jones, 58 Livestock Exchange Building.
New Orleans, La.....	Dr. G. T. Cole, 324 New Post Office Building.
New York, N. Y.....	Dr. D. R. Gillies, 303 U. S. Barge Office Building.
Do.....	W. F. Schroeder, 325 U. S. Barge Office Building.
Do.....	Dr. A. E. Rishel, 741 Customhouse Building.
Do.....	F. J. Miller, 53 Park Place, Dodge Building.
North Portland, Oreg.....	Paul McCormick, 106 Livestock Exchange Building.
Olympia, Wash.....	Dr. J. C. Exline, 203 Federal Building.
Omaha, Nebr.....	Dr. J. S. Jenison, Federal Building, South Omaha Station.
Do.....	E. A. Boyer, Federal Building, South Omaha Station.
Do.....	Dr. G. B. Morse, Federal Building, South Omaha Station.
Do.....	Dr. H. H. Day, Federal Building, South Omaha Station.
Do.....	C. F. Walker, 306 Livestock Exchange Building.
Philadelphia, Pa.....	Dr. Thomas Castor, 331 Walnut Street.
Portland, Me.....	D. D. Callahan, 336 Commercial Street.
Portland, Oreg.....	Dr. M. O. Anderson, 530 Post Office Building.
Do.....	Dr. S. B. Foster, 528 Post Office Building.
Reno, Nev.....	Dr. L. C. Butterfield, 315 Clay-Peters Building.
Rio Piedras, P. R.....	Dr. Juan Varas Catala.
St. Louis, Mo.....	Dr. T. B. Fote, Dome of Federal Building.
Do.....	C. H. Swanger, Dome of Federal Building.
St. Paul, Minn.....	Dr. W. J. Pretz, 1020 Commerce Building.
Do.....	Dr. C. V. Metcalf, care of Marrinan Medical Supply Co.
Salt Lake City, Utah.....	Dr. E. P. Durham, 325 Federal Building.
Do.....	Dr. F. E. Murray, 326 Federal Building.
San Antonio, Tex.....	Dr. William Thompson, 211 Federal Building.
San Diego, Calif.....	Dr. J. E. Cloud, 343 Federal Building.
San Francisco, Calif.....	Dr. H. H. Hicks, 216 Customhouse Building.
Do.....	A. E. Graham, 43½ Appraisers Building.
Seattle, Wash.....	Dr. C. L. Norris, 4114 Arcade Building.
South St. Paul, Minn.....	Dr. G. E. Totten, 633 Livestock Exchange Building.
Do.....	W. A. Williams, 530 Livestock Exchange Building.
Tacoma, Wash.....	Dr. J. S. Kelly, care of Carstens Packing Co.

It is not the bureau's intention, at least for the present, to attempt to use the Government radio for rush messages but rather for night messages. When necessary, rush messages; Government day rate, may be sent by telegraph, but messages sent for delivery the following morning should be forwarded by radio unless there are good reasons for sending them by telegraph, Government night rate. Three classes of messages are thus available: (1) Rush day messages by telegraph, (2) night messages by telegraph, and (3) radio messages by Government facilities. (There is no charge for the transmission of official messages by the Government radio facilities.)

The Washington office will require explanations when messages are sent at other than the cheapest rate, the urgency of the message considered. Attention is called to paragraph 81 of the fiscal regulations of the department. The Washington office closes daily at 4.30 p. m., eastern standard time, except on Saturdays during June, July, August, and September, when the closing time is 1 p. m.

It is desired to give the Army-Navy radio facilities a thorough trial. Thus far experience with it has been good and as such service further demonstrates its efficiency for bureau use—which it is expected it will—it is hoped that the bureau may be able to extend the use of it. Before a bureau field office discontinues the use of such facilities, the Washington office should be advised in detail as to any unsatisfactory service. Such complaints will be taken up with the radio services here and the complaining field office advised in the premises.

By the use of this service whenever practicable, it is expected that the bureau's telegraph bill will be considerably reduced.

While this arrangement for sending messages by radio is primarily for communicating between Washington and bureau field offices, the latter should ascertain from their respective radio stations the feasibility of their communi-

* Air mail station only.

cating by radio with other bureau field offices listed above, and, when that is possible, should avail themselves of such facilities as occasion may require.

Offices submitting messages to radio stations should see that the abbreviation "Gov. Agr." precedes the name of the party addressed, thus "Gov. Agr. Herman Busman, 999 Exchange Avenue, Union Stock Yards, Chicago, Ill." These abbreviations mean "Government Agriculture" and are the radio service's means of identifying the department that sends the message.

Washington offices preparing messages to be sent by radio will please see that an extra copy (preferably on the regular telegraph blank Form E-1) is attached so that it can be sent by mail the same day as confirmation.

The radio should not be used for messages not properly chargeable to the Government. (See instructions on page 25 of Service and Regulatory Announcements for February, 1923.)

As radio facilities become available for additional field offices or the radio facilities at any of the stations listed be discontinued or for some reason the bureau sees fit to return entirely to the use of the commercial telegraph, this list will be amended.

It is hoped that bureau field offices will form close contacts with their respective radio stations and cooperate fully with them in every way possible. Your hearty cooperation is requested.

LEASE ON LIVING QUARTERS

Information has reached the bureau of instances in which an employee on transfer from one official station to another has suffered financially by reason of the fact that he was living in quarters leased for a definite period. The suggestion is offered that when an employee enters into a lease on his living quarters he should stipulate in the contract, if possible, that if he is moved on Government orders before the expiration date the lease may be canceled at the time he vacates the premises.

CARE IN THE INOCULATION OF HOGS

A report was recently received from one of the large packing establishments of the Middle West that on two occasions in the trimming of hog carcasses a part of a hypodermic needle was found imbedded in the flesh in the region of the neck. It is reasonable to assume that these pieces were from serum or virus needles used in inoculating hogs against cholera. Very likely they were parts of virus needles, which are of much smaller caliber and much more breakable.

At any rate, this calls to mind the necessity for extreme care in the handling of syringes to avoid accidents of this character. It is probable that these needle points could not always be detected in the meat on the trimming floor, and the product might reach the consumer containing these dangerous pieces of metal. What the result could be from the ingestion of such material is not pleasant to contemplate. It behooves every bureau veterinarian engaged in the inoculation of hogs against cholera to be very cautious not to have such accidents occur. If a needle should break while serum or virus is being injected, every effort possible should be made to extract the broken part from the flesh.

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS

Fines and penalties have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

Livestock Quarantine Law

V. E. Champion, Pleasant Hill, La., was fined \$100 in each of two cases for interstate movement of cattle from the quarantined area of Louisiana into Texas. Mat. Flores, George Raines, Robert Raines, and Grady Williams, of the same place, were fined \$100 in each of two cases and payment suspended.

Twenty-Eight-Hour Law

Chicago & Northwestern Railway Co., \$100 penalty.
 Chicago, Rock Island & Pacific Railway Co. (3 cases), \$300 penalties.
 Missouri, Kansas & Texas Railroad Co. of Texas (2 cases), \$200 penalties.
 Missouri Pacific Railroad Co. (3 cases), \$300 penalties.
 New York, Chicago & St. Louis Railroad Co., \$100 penalty.
 Northern Pacific Railway Co., \$100 penalty.
 St. Louis-San Francisco Railway Co., \$100 penalty.

Meat-Inspection Law

Wilson & Co., Philadelphia, Pa., and Friedman & Samanovitz, Bridgeport, Conn., were fined \$250 and \$300, respectively, for offering uninspected meat for interstate shipment.

Adolph C. Hasler, Norway, N. Y., and Louis Grodsky, Hancock, N. Y., were fined \$20 and \$25, respectively, for offering unsound meat for interstate shipment.

NEW PUBLICATIONS OF THE BUREAU

[The bureau keeps no mailing list for sending publications to individual employees, but sends copies to officers in charge of stations and offices. These publications should be regarded as notification copies. So far as possible additional copies will be furnished on request.]

Technical Bulletin No. 29. Coyotillo (*Karwinskia humboldtiana*) as a Poisonous Plant. By C. Dwight Marsh, A. B. Clawson, and G. C. Roe, Pathological Division. Pp. 27, figs. 17.

Technical Bulletin No. 43. Sorgo Silage, Sorgo Fodder, and Cottonseed Hulls as Roughages in Rations for Fattening Calves in the Southwest. By W. H. Black, Animal Husbandry Division, J. M. Jones, Texas Agricultural Experiment Station, and F. E. Keating, Bureau of Plant Industry. Pp. 24, figs. 4.

Technical Bulletin No. 49. Nematodes of Pathological Significance Found in Some Economically Important Birds in North America. By Eloise B. Cram, Zoological Division. Pp. 10, figs. 8.

Department Bulletin No. 1492. Some Results of Soft-Pork Investigations. II. O. G. Hankins, N. R. Ellis, and J. H. Zeller, Animal Husbandry Division, in consultation with the agricultural experiment stations of Arkansas, Georgia, Indiana, Mississippi, North Carolina, and South Carolina. Pp. 50, figs. 9.

Farmers' Bulletin 619. Breeds of Draft Horses. Revised by J. O. Williams, Animal Husbandry Division. Pp. 14, figs. 11.

Farmers' Bulletin 798 (revised). The Sheep Tick. By Marion Imes, Zoological Division. Pp. 31, figs. 15.

Farmers' Bulletin 952. Breeds of Light Horses. Revised by J. O. Williams, Animal Husbandry Division. Pp. 14, figs. 9.

Farmers' Bulletin 1330 (revised). Parasites and Parasitic Diseases of Sheep. By Maurice C. Hall, Zoological Division. Pp. 36, figs. 34.

Farmers' Bulletin 1409 (revised). Turkey Raising. By Morley A. Jull and Alfred R. Lee, Animal Husbandry Division. Pp. 22, figs. 15.

Farmers' Bulletin 1437 (revised). Swine Production. By E. Z. Russell, Animal Husbandry Division. Pp. 30, figs. 18.

Farmers' Bulletin 1549. Feeding Cattle for Beef. By W. H. Black, Animal Husbandry Division. Pp. 17, figs. 10.

Amendment 35 to B. A. I. Order 294, placing the following-named counties in the modified accredited areas for a period of three years from March 1, 1928: Benton, Blackford, Hendricks, and Miami, Ind.; Pocahontas, Iowa; Lincoln and Olmstead, Minn.; Oktibbeha, Miss.; Richardson and Saunders, Nebr.; Van Wert, Ohio; Spartanburg, S. C.; Brown, S. Dak.; Hancock, W. Va.; and Northampton, Va. P. 1 (mimeographed).

Amendment 1 to B. A. I. Order 303, to prevent the spread of scabies in sheep. Releases certain counties in California from quarantine, effective April 1, 1928. P. 1.

B. A. I. Order 309. Regulations governing the interstate movement of livestock. Supersedes B. A. I. Order 292 and all amendments thereto, effective May 1, 1928. Pp. 24.

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY

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Associate Chief: U. G. HOUCK.

Assistant Chief: A. W. MILLER.

Administrative Assistant: CHARLES C. CARROLL.

Chief Clerk: J. R. COHRAN.

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